



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, DC 20350-2000

OPNAVINST 1542.4C
N789J3
11 July 2001

OPNAV INSTRUCTION 1542.4C

From: Chief of Naval Operations

To: All Ships and Stations (less Marine Corps field addressees not having Navy personnel attached)

Subj: AEROMEDICAL DUAL DESIGNATOR (AMDD) PROGRAM

Ref: (a) MILPERSMAN 1542-010

(b) OPNAVINST 3710.7R

(c) U.S. Code, Title 37, Section 301a

Encl: (1) Naval Aeromedical Dual Designator Program Application

1. Purpose. To provide information, policy, and procedures for the administration of the AMDD Program. This instruction is a complete revision and should be reviewed in its entirety.

2. Cancellation. OPNAVINST 1542.4B.

3. Discussion. Throughout this instruction, "naval aviator" shall refer to pilot or naval flight officer (NFO). The term "aeromedical officer" shall refer equally to flight surgeons (MC), naval aerospace physiologists (MSC), aerospace experimental psychologists (MSC) and aerospace optometrists (MSC).

4. Background. Development of effective new air weapon systems in the past has been highly sensitive to human engineering factors. The unique demands of naval aviation and the multiplicity of aviation programs have required the support of a limited officer inventory skilled concurrently in the professional qualifications of a naval aviator and of a flight surgeon. To meet that requirement, selected individuals trained as medical officers have been cross-trained as naval aviators. Their assignments were selectively made to meet the identified requirements of billets or projects/programs requiring the skills of both disciplines in a single individual. The billets predominated in, but were not limited to, Navy research and development activities. The number and complexity of emerging weapons systems have required dual designation of a naval aviator and flight surgeon (MC) in the past. An improved understanding of the roles and capabilities of dually-designated, aeromedically trained officers has now led to the more precise codification of the dual designator program, with the inclusion of naval flight officers, as well as aerospace physiologists, aerospace experimental psychologists, and aerospace optometrists.

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5. Program Description. The program shall meet the following guidelines:

a. Reference (a) stipulates that trainees shall incur the same minimum service obligation as that incurred for naval aviator training, to commence upon designation as an AMDD. Previously designated aviators receiving refresher training only shall incur the same minimum service obligation as all other naval aviators who undergo like training. Trainees who attrite from flight training shall likewise incur the same minimum service obligation as all other student pilots or student naval flight officers who attrite from equivalent training.

b. Physical standards established for Service Group I Naval Aviators and Class II Naval Flight Officers apply to those personnel entering the AMDD program. Previously designated naval aviators who subsequently were designated flight surgeons/aerospace physiologists/aerospace experimental psychologists shall be under the age of 38 at commencement of flight refresher training. Selectees not previously designated pilots or naval flight officers shall be under the age of 34, and in the grade of O-4 or below at the commencement of undergraduate flight training. Selection of not previously designated pilots or naval flight officers must be endorsed by the Surgeon General (Code N93) and approved by Chief of Naval Operations (CNO) (Code N78). CNO, if required, may approve age waivers for flight training, on a case-by-case basis.

6. Administration. Procedures and criteria for the AMDD program are:

a. Those aeromedical officers who were previously designated naval aviators are primary candidates for this program. Those aeromedical officers not previously designated as a pilot or NFO, or who hold aeronautical ratings from other military services are not primary candidates for the AMDD program, but may be considered.

b. Applicants shall submit enclosure (1) to CHNAVPERS (PERS-43) via Chief, Bureau of Medicine and Surgery (BUMED) (MED-23). Requirements for supplemental information shall be promulgated via application announcement message.

c. CHNAVPERS (PERS-43) will annually convene and chair the formal AMDD Selection Board to consider program applicants. The board will have representatives from CNO (N789), Commandant of the Marine Corps (CMC), BUMED (MED-23), Chief of Naval Air Training (CNATRA), and Chair of the Aeromedical Dual Designator Advisory Group (DDAG).

d. AMDD Advisory Group: An AMDD advisory group (DDAG) will be established. Membership will be representative of all AMDD communities, i.e., aerospace medicine, aerospace physiology, aerospace optometry, and aerospace experimental psychology. The chair shall be a senior AMDD. Current DDAG membership includes representatives from BUMED, CMC, Commander, Naval Air Force, U.S. Atlantic Fleet (CNAL), CNATRA, CHNAVPERS, Naval Strike and Air Warfare Center (NSAWC) and Air Test and Evaluation Squadron NINE (VX-9). DDAG primary function is to advise BUMED, and when necessary CNO and CHNAVPERS, in all matters concerning the AMDD program. Other functions will include development and maintenance of program strategic and business plans, review and recommend

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prioritization of AMDD applicants for formal selection board consideration, and other such functions as may be determined necessary to facilitate program coordination.

7. Training. Initial and follow-on training requirements for the AMDD program are:

- a. Initial flight refresher training for candidates previously designated as naval aviators, or
- b. A tailored syllabus in the intermediate and advanced phases of the appropriate pipeline, as necessary, followed by an appropriate syllabus in a fleet replacement squadron (FRS) for those acceptable candidates holding previous aeronautical (pilot or navigator) ratings from another military service. To preclude unnecessary training, CNATRA will determine training requirements on an individual basis.

8. Career Pattern

- a. Upon completion of appropriate training, officers designated as AMDD shall remain members of the Navy Medical Corps/Medical Services Corps. Once designated as AMDDs, officers shall be assigned duty maximizing their dual designator qualifications and where appropriate, follow-on dual designator tours shall be directed. This assignment strategy will sustain the highest measure of flight skill currency and safety, and assure a broadly based and current cadre of dual designation experience from which to draw for senior management assignments requiring such background and qualification.
- b. The following duty assignment categories provide maximum career/program development potential. These assignments support the requirement for sufficient AMDDs to meet research and development programmed personnel requirements.
 - (1) Assignment to a fleet readiness squadron for a normal tour in a flight surgeon/aerospace physiologist/aerospace experimental psychologist/aerospace optometrist operational flying billet.
 - (2) Assignment to a research and development (R&D) type squadron or activity for at least one tour in a flight surgeon/aerospace physiologist/aerospace experimental psychologist/aerospace optometrist operational flying billet.
 - (3) Assignment as Senior Medical Officer aboard an aircraft carrier (flight surgeons only).
 - (4) Assignment to an aeromedical safety, operation/fleet staff billet, or selected research, development, test, and evaluation (RDT&E) management billet.
 - (5) Assignment to further management/military training and command billets, as appropriate.

9. Billet Identification. The DDAG will annually review billet and billet assignments and make recommendations to MED 23.

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10. Program Implementation

a. Aeromedical Officers formerly designated as pilots are not authorized to fly as pilots unless in training for, or designated as, AMDDs. They may, however, fly in actual control of any dual-controlled aircraft, and log pilot time, in accordance with the provisions of reference (b) for aeromedical officers.

b. AMDDs assigned as such under the provisions of this instruction, for duty in a flying status involving operational or training flights (DIFOPS orders), shall comply with, but are not limited to, the annual minimum flight hour requirements specified for naval aviators and the aviation qualification/currency requirements outlined in reference (b). Such AMDDs who are pilots are authorized to pilot any naval aircraft, in all phases of flight, commensurate with their qualifications.

c. In consonance with the statutory provisions of reference (c), AMDDs will not be entitled to continuous aviation career incentive pay or accumulation of operational flying credit, but will be entitled to monthly incentive pay when assigned to operational flying status, provided performance requirements are met.

11. Responsibilities

a. CNO (N789)

(1) Resource sponsor for the program.

(2) Direct specific pilot training requirements to support the AMDD Program.

b. Chief, BUMED (MED-23) shall:

(1) Act as Program Manager.

(2) Coordinate with CNO (N789) and Chief of Naval Personnel in joint areas of program management.

(3) Act as the Medical Specialty Advisor for flight surgeons (MC), and liaison with Specialty Leaders of aerospace physiologists (MSC), aerospace optometrists (MSC), and aerospace experimental psychologists (MSC) regarding their personnel designated as AMDDs.

(4) Appoint and provide oversight for an AMDD Advisory Group (DDAG) with representation consistent with AMDD program activities.

c. CHNAVPERS (PERS 43/44) shall coordinate all personnel actions relating to the general training and assignment of AMDD personnel.

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d. CNATRA shall ensure personnel are trained for the AMDD program in accordance with guidelines established by CNO (N78).

e. Dual Designator Advisory Group shall review the AMDD program annually and assist in the recruitment, application process and selection of AMDDs as directed by MED-23.

12. Action

a. CNO (N789)

(1) Determine each year the actual number of aeromedical officers to be trained as AMDD based on existing naval aviation requirements in coordination with BUMED (MED-23).

(2) Annually assess, in conjunction with BUMED, the AMDD program.

b. BUMED (MED-23)

(1) Receive and track all applications for AMDD Training.

(2) Coordinate and monitor duty assignments of AMDD designated individuals to achieve maximum program benefit.

(3) Identify, coordinate, and ensure the provision, in conjunction with CNO (N789), of subsequent specialized training as may become necessary to fill program requirements.

(4) Monitor career paths of individuals designated AMDD.

(5) Annually assess the AMDD program, in conjunction with CNO (N789).

c. CHNAVPERS (PERS-43)

(1) When required, convene and chair a board for the selection of applicants for training as an AMDD.

(2) Notify applicants of their selection.

(3) Keep current inventory database of all personnel in training and/or designated in the AMDD program.

d. CNATRA

(1) On a case-by-case basis, determine individual training requirements for candidate AMDDs.

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(2) Monitor the progress of personnel in training for the AMDD designation and report, as appropriate, to CNO (N789) and BUMED (MED-23).

e. Applicants. Submit enclosure (1) to CHNAVPERS (PERS-43) via BUMED (MED-23).

13. Form. OPNAV 1542/2 (3/01), Naval Aeromedical Dual Designator Program Application, is provided as enclosure (1).

M. J. McCABE
Rear Admiral, U.S. Navy
Director, Air Warfare (N78)

Distribution:
SNDL Parts 1 and 2

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NAVAL AEROMEDICAL DUAL DESIGNATOR PROGRAM APPLICATION

1. Name (Last, First, MI)		2. Grade	3. SSN	4. Date of Birth
5. Home Address (Zip+4)		6. Home Telephone		7. Complete Duty Address
		()		
8. Duty Telephone: ()			9. Email Address:	
10. Designation(s)			11. Date of Designation	12. Certification Type/Number
a. Naval Aviator				
b. Naval Flight Officer				
c. Aeromedical Designation				
d. Other Service Pilot Ratings Air Force Army				
13. Previous Military Service beginning with most recent (include any broken service):				
Command			Dates	
14. Flight Experience:				
Military			Civilian	
Aircraft Type	Time	Aircraft Type	Time	
15. Date of current complete aviation physical exam: _____				
16. Attach curriculum vitae.				

I certify the above information is true and complete to the best of my knowledge.

Signature , Date: _____

PRIVACY ACT STATEMENT

Authority: 5 U.S. C. 301, Department Regulations, Executive Order 9397 (SSN), and OPNAVINST 1542.4B.

Purpose: To apply for the Dual Designator Program.

Routine Uses: Information will be to the provide to the Dual Designator board for the purpose of selection to the program. Information not disseminated outside DOD.

Disclosure: Voluntary. However, failure to provide the requested information may result in your not being considered for the Dual Designator Program.

OPNAV 1542/2 (3/01)

Enclosure (1)